

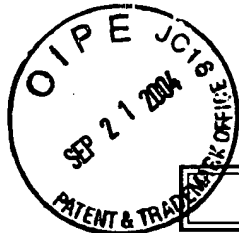
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Electronic Patent Application Submission
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EFS ID: 68923
Application ID: 10647218 
Clutchless Variable Displacement
Refrigerant Compressor With
Mechanism For Reducing
Displacement Work At Increased
Driven Speed During
NonOperation of Refrigerating
System Including The
Compressor
Title of Invention:
First Named Inventor: Anri Enomoto
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-08-26
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Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 1899
Attorney Docket Number: 018842.1272

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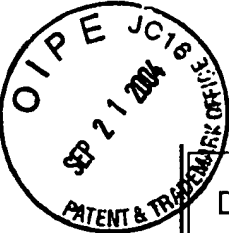


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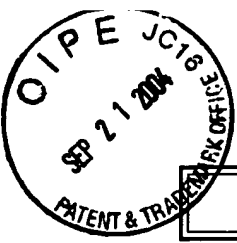
Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	Clutchless Variable Displacement Refrigerant Compressor With Mechanism For Reducing Displacement Work At Increased Driven Speed During NonOperation of Refrigerating System Including The Compressor							
Application Number: 10/647218 								
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<table border="1"><tr><td>Submitted by:</td><td>Elec. Sign.</td><td>Sign. Capacity</td></tr><tr><td>Mr. James Bertrand Arpin Registered Number: 33470</td><td>/James B. Arpin/</td><td>Attorney</td></tr></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Mr. James Bertrand Arpin Registered Number: 33470	/James B. Arpin/	Attorney
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Mr. James Bertrand Arpin Registered Number: 33470	/James B. Arpin/	Attorney						



Documents being submitted	Files
us-ids	IDS-018842.1270-usidst.xml
	us-ids.dtd
	us-ids.xsl
Comments	



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	Clutchless Variable Displacement Refrigerant Compressor With Mechanism For Reducing Displacement Work At Increased Driven Speed During NonOperation of Refrigerating System Including The Compressor																																																																																																																
<div>Application Number: 10/647218</div> <div>Confirmation Number: 1899</div> <div>First Named Applicant: Anri Enomoto</div> <div>Attorney Docket Number: 018842.1272</div> <div>Art Unit: 3746</div> <div>Search string: (6589019 or 6684655 or 5983775 or 5573379 or 4502844 or 4586874 or 4842488 or 4874295 or 4880360 or 4960366 or 5255569 or 6102669 or 6179572 or 20030095874).pn.</div> <div>US Patent Documents</div> <div>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</div> <table><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6589019</td><td>2003-07-08</td><td>Terauchi</td><td>B2</td><td>417</td><td>63</td></tr><tr><td></td><td>2</td><td>6684655</td><td>2004-02-03</td><td>Terauchi</td><td>B2</td><td>62</td><td>228.5</td></tr><tr><td></td><td>3</td><td>5983775</td><td>1999-11-16</td><td>Fukai</td><td></td><td>92</td><td>12.2</td></tr><tr><td></td><td>4</td><td>5573379</td><td>1996-11-12</td><td>Kimura</td><td></td><td>417</td><td>222.2</td></tr><tr><td></td><td>5</td><td>4502844</td><td>1985-03-05</td><td>Kimura</td><td></td><td>417</td><td>275</td></tr><tr><td></td><td>6</td><td>4586874</td><td>1986-05-06</td><td>Hiraga</td><td></td><td>417</td><td>222</td></tr><tr><td></td><td>7</td><td>4842488</td><td>1989-06-27</td><td>Terauchi</td><td></td><td>417</td><td>222</td></tr><tr><td></td><td>8</td><td>4874295</td><td>1989-10-17</td><td>Kobayashi</td><td></td><td>417</td><td>222</td></tr><tr><td></td><td>9</td><td>4880360</td><td>1989-11-14</td><td>Terauchi</td><td></td><td>417</td><td>222</td></tr><tr><td></td><td>10</td><td>4960366</td><td>1990-10-02</td><td>Higuchi</td><td></td><td>417</td><td>222</td></tr><tr><td></td><td>11</td><td>5255569</td><td>1993-10-26</td><td>Terauchi</td><td></td><td>74</td><td>60</td></tr><tr><td></td><td>12</td><td>6102669</td><td>2000-08-15</td><td>Fujita</td><td></td><td>417</td><td>222.2</td></tr><tr><td></td><td>13</td><td>6179572</td><td>2001-01-30</td><td>Taguchi</td><td>B1</td><td>417</td><td>222.2</td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	6589019	2003-07-08	Terauchi	B2	417	63		2	6684655	2004-02-03	Terauchi	B2	62	228.5		3	5983775	1999-11-16	Fukai		92	12.2		4	5573379	1996-11-12	Kimura		417	222.2		5	4502844	1985-03-05	Kimura		417	275		6	4586874	1986-05-06	Hiraga		417	222		7	4842488	1989-06-27	Terauchi		417	222		8	4874295	1989-10-17	Kobayashi		417	222		9	4880360	1989-11-14	Terauchi		417	222		10	4960366	1990-10-02	Higuchi		417	222		11	5255569	1993-10-26	Terauchi		74	60		12	6102669	2000-08-15	Fujita		417	222.2		13	6179572	2001-01-30	Taguchi	B1	417	222.2
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	1	20030095874	2003-05-22	Tagami	A1	417	222.1

Signature

Examiner Name	Date